



App. No. 09/384,811  
Amdt. dated September 11, 2003  
Reply to Office Action of March 12, 2003

PATENT

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claims 1-8 (cancelled)

9. (currently amended) A method of ~~introducing a recombinant expression cassette into a~~ generating a stably transformed barley plant comprising a Ds element, the method comprising introducing a the Ds element comprising the an expression cassette into the plant a barley plant population, whereby the Ds element reintegrates into a barley plant genome through transposon-mediated excision; and selecting ~~the~~ a barley plant in which the Ds element is reintegrated, thereby obtaining the stably transformed barley plant ~~the expression cassette integrated into its genome.~~

10. (currently amended) The method of claim 9, wherein the Ds element is introduced into the barley plant population using a sexual cross.

11. (currently amended) The method of claim 9, wherein the Ds element is introduced into the barley plant population using bombardment-mediated transformation of plant cells followed by regeneration of a plants from the cells.

12. (currently amended) The method of claim 9, further comprising introducing a nucleic acid sequence encoding an Ac transposase into the barley plant population.

13. (original) The method of claim 12, wherein the nucleic acid sequence encoding an Ac transposase is introduced by a sexual cross.

14. (original) The method of claim 12, wherein the nucleic acid sequence encoding an Ac transposase is in an Ac element.

15. (original) The method of claim 14, wherein the Ac element is linked to a negative selectable marker.

16. (original) The method of claim 15, wherein the negative selectable marker is *codA*.

Claims 17-23 Withdrawn

24. (cancelled herein)

25. (cancelled herein)